

ABSTRACT OF THE DISCLOSURE

An abrasive tape on a contact member is urged against the surface of a rotating substrate for a recording medium. Abrasive grains are held on the abrasive tape, for example. The abrasive grains serve to form fine scratches on the surface of the substrate. The fine scratches correspond to a texture. The contact member is moved in the radial or centrifugal direction of the substrate. The rotation rate of the substrate gets slower in response to the movement of the contact member in the centrifugal direction. A constant relative velocity can always be established between the contact member and the rotating substrate. A constant surface roughness can be established over the entire surface of the substrate.